



Distribuční blok LK DTB 70 / Distribution block LK DTB 70

Obecné informace: / General information:

Order number	ULK070
Type	Distribuční blok LK DTB 70 / Distribution block LK DTB 70
Base specifications / Connections	Method of connecting the conductors: Screw connection; Use: The most common use of LK DTB distribution blocks is in the electrical installation: in electrical switchboards, control and measuring automation and also in building installations. Distribution blocks LK DTB are used to branch wires from one larger cross-section to several wires of smaller cross-section; Dimensions: Width: 29.0 mm, Height: 46.1 mm; Length: 77.0 mm; Gross: 1 x pack 0,1538 kg / 1 pc; Mounting method: The distribution blocks LK DTB are designed for mounting on TH35 rail or flat substrate.
Color	šedá / grey
Package (small) [pcs]	1 ks v krabici / 1 pc in a box
Package (big) [pcs]	10 ks v krabici / 10 pcs in a box
EAN	8595155057921
Customs code	85369010
ETIM 8.0	EC001284
Manufacturer / Country of origin	EB
Certificate	CE
Norm	CE: ČSN EN 60947-7-1

Other information	The LK DTB distribution blocks have an easy-to-open top cover made of blue transparent plastic, which does not need to be opened for mounting and dismantling the output wires. Blocks of the same size can be connected together, which makes the whole assembly more robust and compact. An inbus wrench is used to tighten the screws. The surface of the screws that is in contact with the conductor is specially treated to minimize the deformation of the conductor, while maintaining as much tightening as possible. The blocks can be mounted both on the TH 35 (din rail) and with size 5 mounting screws on a flat substrate.
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Elektrické parametry: / Electrical parameters:

Nominal insulating voltage [V] CE	1000
Nominal current [A] CE	160
Maximum current with bridge [A] CE	125
Maximum current with maximum conductor cross section [A]	160
Short-time current [A] CE	8400
Impulse voltage [V] CE	8000

Mechanické parametry: / Mechanical parameters:

Width [mm]	29,0
Height [mm]	46,1
Height from Din rail [mm]	41,2
Length [mm]	77,0
Weight / NET [g]	144,7
Mounting	lišta (rail) TH 15, TH35; na podložku (on mounting plate)
Pollution degree	2
Flammability rating according to UL 94	V-0
IP	20
Operating temperature [°C]	-40 ÷ +105
Mounting tool (TH rail, plate, etc)	Pro demontáž - plochý šroubovák, montáž na podložku dle použitého šroubu, velikost otvoru 5,4 mm / Disassembly - flat screwdriver, mounting on washer according to the screw used, hole size 5.4 mm

Připojení vodičů: / Connections:

Conductor connection	šroubové / Screw connection
Number of poles	1 / 1
Number of clamping units	8
Need of ferrule	ano / yes



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Range of conductors, input / output [mm ²]	6÷70 / 1,5÷25 / -
Number of connecting conductors input / output	1 / 2
Nominal cross section input / output [mm ²]	1x70+1x16 / 6x16
Range of conductor with solid core [mm ²]	vstup 70 /input/ (6÷70); vstup 16 /input/ (1,5÷25); výstup 16 /output/ (1,5÷16)
Range of conductor with solid stranded core [mm ²]	vstup 70 /input/ (6÷16); vstup 16 /input/ (1,5÷16); výstup 16 /output/ (1,5÷16)
Range of conductor with solid stranded core [mm ²]	vstup 70 /input/ (6÷70); vstup 16 /input/ (1,5÷25); výstup 16 /output/ (1,5÷16)
Range of conductor with flexible core without ferrule with plastic sleeve [mm ²]	vstup 70 /input/ (6÷70); vstup 16 /input/ (1,5÷16); výstup 16 /output/ (1,5÷10)
Maximum cross section conductor with ferrule with plastic sleeve [mm ²]	vstup 70 /input/ (6÷70); vstup 16 /input/ (1,5÷16); výstup 16 /output/ (1,5÷10)
Maximum cross section conductor with ferrule without plastic sleeve [mm ²]	vstup 70 /input/ (6÷70); vstup 16 /input/ (1,5÷16); výstup 16 /output/ (1,5÷10)
2 conductors with solid or solid stranded or flexible core [mm ²]	vstup 70 /input/ (-); vstup 16 /input/ (1,5÷10); výstup 16 /output/ (1,5÷6)
Stripping length [mm]	vstup 70 /input/ (23); vstup 16 /input/ (22); výstup 16 horní řada /upper output/ (15); výstup 16 spodní řada /lower output/ (27)
Tightening torque of the clamping unit [Nm]	1,2 (nástroj 3 - průřez 1,5÷6 mm ²) / 3,5 (nástroj 3 - průřez 10÷16 mm ²) / 8,5 (nástroj 5 - průřez 10÷70 mm ²)
Příslušenství: / Accessories:	
Side bridge	ULK3570 - UJ bridge - insulated; Mounting method: strip the insulation of the jumper ø 6 mm to 10 mm, insert into the wire hole and tighten to 3.5 Nm. It is current limited to a maximum of 125 A.
Ostatní: / Other:	
Insulating part / material	Izolační pouzdro/PA /Insulating housing
Date of change	29.8.2022